

# **Re-balancing BPA's Investment Portfolio**

## ***Capital Prioritization Cycle 17-1 (Fiscal year and cycle)***

### **Finance Committee Decision**

**November 15, 2016**



## Finance Committee's Decision on Cycle 17-1 changes to Expansion portfolio

**Green Light the following projects** (advance for further scoping, design and/or business case):

- Anaconda-Dixon-Silver Bow Transformer Replacement and Area Improvements
- Carlton O&M Flex
- UEC Industrial Load Expansion
- Conkelley Substation Retirement
- Ross Cold Creek
- Ross Central Circulation

**TNT retroactively “Green Lit”** – Columbia River Treaty software already approved and underway.

**Remove the following projects** from portfolio:

- Walla Walla Reinforcement

**Reclassify the following projects** to Sustain or under \$3 million:

- Fault Duty Replacement
- Fiber projects: Hot Springs to Garrison and Hungry Horse to Columbia Falls
- Silver Creek Reinforcement

**Defer the following projects:**

- Ross Office Building Infill
- IT Services Management – CMS, CRM and CMDB

Cycle 17-1 Expansion Investment Prioritization  
Final Analytical Results and Decisions

<input checked="" type="checkbox"/> = Investment is in play in the Cycle shown Green shading = investments selected for the portfolio				Cycle 16-2	Cycle 17-1				
				May-16	FC Decision	Present values		\$000	
Investment	Code	Asset Category	Classification			NEBR	Net BPA Cashflow Ratio	Investment Costs* (Base)	Comments/next Steps
Control Center CIPv5 Compliance	AD	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	9,431	Project authorized and in flight. To be completed in FY 2017
Fault Duty Replacement Program	C	TX	Compliance	<input checked="" type="checkbox"/>	Reclassify to Sustain				re-prioritize replacements and stay within CIR spending levels set in CIR for 2017, 2018 & 2019
Fossil-DeMoss Shunt Reactor	B	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	2,507	Project authorized and in flight
Golden Hills Interconnection -G0099-2	AE	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	4,836	LGIA investment.
Information Governance and eDiscovery	AL	IT	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	11,315	
Invenery's Willow Creek Phase 1 Fiber Installation - GO255	AG	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	3,819	LGIA investment.
Lower Mounumental Powerhouse 2nd 500kV Generation Tie Line - L0368	AH	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	17,236	Project is authorized and in flight
Lower Valley Upgrade	D	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	81,787	Project authorized and in flight. Investment costs updated.
Monroe 500kV Line Retermination	L	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	8,406	LGIA investment. Assessment completed. 'Project reclassified from Discretionary to Compliance. Project is authorized and in flight.
Northern Wasco Network Load Expansion 3 - L0368	AH-1	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	25,916	Project is authorized and in flight
PGE's Blue Lake - Troutdale #2 Line - L0365	AI	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	3,100	Project is authorized and investment costs updated.

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Phasor Measurement Units (PMU) FY15-17	A	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	8,567	Project is authorized and in flight. Investment costs were updated.
PISCES Web	AM	IT	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	4,699	Project is authorized and in flight. Investment costs were updated.
Reactor Program - FY16	AJ	TX	Compliance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	n/a	n/a	12,974	Updated investment costs
Anaconda-Dixon-Silver Bow Transformer and Area Improvements	E	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.3	0.7	8,421	Transformer for Dixon ordered, further scoping and business case forthcoming for authorization
Billing Information System Replacement	V	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-1.0	-1.0	9,002	Alternatives not sufficiently defined to assess benefits at this point
Black Canyon Unit 3	AO	FH	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-0.2	-0.2	46,250	Project is authorized for costs up to \$45m.
Carlton O&M Flex	G	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6.3	-0.5	7,901	Requires further scoping/preliminary design and seek authorization through business case
Conkelly Substation Retirement	AP	TX	Discretionary		<input checked="" type="checkbox"/>	1.0	1.0	7,609	Seeking authorization through business case
Grand Coulee Units 19-21 Uprate	AB	FH	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	2.8	146,847	No updates this cycle
Hot Springs to Garrison Fiber Optic Cable Upgrade	I	TX	Discretionary	<input checked="" type="checkbox"/>	Reclassified to sustain				
Hungry Horse - Columbia Falls Fiber Upgrade	AF	TX	Discretionary	<input checked="" type="checkbox"/>	Reclassified to sustain				
I-5 Corridor Reinforcement Project	J	TX	Policy Commitment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-0.5	-0.7	968,633	NEPA completed and decision pending.

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IT Services Mgmt - Change Mgmt System (CMS)	Z	IT	Discretionary	<input checked="" type="checkbox"/>	Deferred				
IT Services Mgmt - Customer Relationship Mgmt (CRM)	AA	IT	Discretionary	<input checked="" type="checkbox"/>	Deferred				
IT Services Mgmt - Configuration Mgmt Database (CMDB)	Y	IT	Discretionary	<input checked="" type="checkbox"/>	Deferred				
Kalispell to Hotsprings Fiber Upgrade	K	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.0	0.8	7,800	Project is authorized and in flight. Investment costs updated.
McNary Project Storage Building	AR	FH	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.9	1.6	4,389	
Midway - Ashe 230 kV New Double Circuit Line	AS	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.1	0.9	24,378	
Ross Cold Creek Connection	AQ	FAC	Discretionary		<input checked="" type="checkbox"/>	5.5	4.2	3,943	
Ross HMEM Garage Replacement	T	FAC	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0.3	0.2	29,487	
Ross Infill Office Building	U	FAC	Discretionary	<input checked="" type="checkbox"/>	Deferred				
Spare Transformers for Wind Sites - Central Ferry	Q2	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15.1	-0.2	6,200	Project is authorized and in flight. Investment cost updated

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Spare Transformers for Wind Sites - John Day	Q1	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.2	-0.1	5,825	Project is authorized and in flight. Investment cost updated
Spare Transformers for Wind Sites - Rock Creek	Q4	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16.1	-0.1	5,788	Project is authorized and in flight. Investment cost updated
Spare Transformers for Wind Sites - Slatt	Q3	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13.7	-0.3	7,037	Project is authorized and in flight. Investment cost updated
Sun Dial Land Acquisition	AT	TX	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-1.0	-1.0	9,000	Green lite is Cycle 16-2 (May 2016)
Vegetation Management System (VMS)	AN	IT	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5.2	2.5	4,300	Project is authorized and in flight. Investment costs updated.
Walla Walla Reinforcement (Tucannon River-Hatwai 115kV)	S	TX		<input checked="" type="checkbox"/>	Removed from portfolio				Replaced by non-capital alternative. Not needed for next 10 years
Ross Central Circulation Development	AU	FAC	Discretionary		<input checked="" type="checkbox"/>	-1.0	-1.0	3,584	New project, benefits to be assessed prior to business case
UEC Industrial Expansion Load - L0389	AX	TX	Policy Commitment		<input checked="" type="checkbox"/>	-1.0	-1.0	10,912	Phase 2 needed to serve UEC load
Treaty Non Treaty Application	AW	IT	Discretionary		<input checked="" type="checkbox"/>	1.4	1.4	3,779	Project is authorized and in flight. Investment cost now estimated to exceed \$3 million.
South Idaho Load Service (SILS)	AY	TX	Discretionary		<input checked="" type="checkbox"/>	-1.0	-1.0	350,090	NEPA is underway. Benefits not directly assessed.
Grand Coulee Penstock Stoplogs	AV	FH	Discretionary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.0	4.2	9,000	Green lite in Cycle 16-2 (May 2016)
				"Green Shaded" Total				547,043	

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